

L95 ANSWER 23 OF 40 HCAPLUS COPYRIGHT 2007 ACS on STN
 AN 2000:274689 HCAPLUS
 DN 132:267648
 TI Secondary nonaqueous electrolyte **batteries**
 IN Ito, Hiroichi; Aoki, Takashi; Nakamitsu, Kazuhiro
 PA Gs Melcotec K. K., Japan
 SO Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF
 DT **Patent**
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000123834	A	20000428	JP 1998-288495	19981009 <--
PRAI	JP 1998- <u>288495</u>		19981009 <--		
AB	The batteries use Li intercalating anodes and $\text{Li}_{1-x}\text{CoMg}_x\text{O}_2$ ($0 < x \leq 0.05$) or $\text{Li}_{1-y}\text{CoCa}_y\text{O}_2$ ($0 < y \leq 0.002$) solid solution as cathode active mass. The cathode active mass may also contain Fe ≤ 0.1 , Cu ≤ 0.1 , Na ≤ 0.5 , Si ≤ 0.5 , and Ni $\leq 0.5\%$.				
IC	ICM H01M0004-58 ICS H01M0004-02; H01M0010-40				
CC	52-2 (Electrochemical, Radiational, and Thermal Energy Technology)				
ST	battery lithium cobalt oxide cathode compn; magnesium lithium cobalt oxide cathode battery ; calcium lithium cobalt oxide cathode battery				
IT	Battery cathodes (compsn. of substituted lithium cobaltate for cathodes in secondary lithium batteries)				
IT	7439-95-4, Magnesium, uses 7440-70-2 , Calcium, uses RL: MOA (Modifier or additive use) ; USES (Uses) (compsn. of calcium and magnesium substituted lithium cobaltate for cathodes in secondary lithium batteries)				
IT	12190-79-3 , Cobalt lithium oxide (CoLiO_2) 263571-08-0 , Cobalt lithium magnesium oxide ($\text{CoLi}_{0.99}\text{Mg}_{0.01}\text{O}_2$) 263571-09-1 , Cobalt lithium magnesium oxide ($\text{CoLi}_{0.98}\text{Mg}_{0.02}\text{O}_2$) 263571-10-4 , Cobalt lithium magnesium oxide ($\text{CoLi}_{0.96}\text{Mg}_{0.04}\text{O}_2$) 263571-11-5 , Cobalt lithium magnesium oxide ($\text{CoLi}_{0.9}\text{Mg}_{0.1}\text{O}_2$) RL: DEV (Device component use); USES (Uses) (compsn. of substituted lithium cobaltate for cathodes in secondary lithium batteries)				
IT	7439-89-6, Iron, miscellaneous 7440-02-0 , Nickel, miscellaneous 7440-21-3 , Silicon, miscellaneous 7440-23-5 , Sodium, miscellaneous 7440-50-8 , Copper, miscellaneous RL: MSC (Miscellaneous) (controlled impurities in substituted lithium cobaltate for cathodes in secondary lithium batteries)				
IT	7440-70-2 , Calcium, uses RL: MOA (Modifier or additive use) ; USES (Uses) (compsn. of calcium and magnesium substituted lithium cobaltate for cathodes in secondary lithium batteries)				
RN	7440-70-2 HCAPLUS				
CN	Calcium (CA INDEX NAME)				

Ca

IT **12190-79-3**, Cobalt lithium oxide (CoLiO_2) **263571-08-0**,